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Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
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MATERIAL SAFETY DATA SHEET

Section 1 – Company and Product Identification

Issued by: JEEN International Corporation
24 Madison Road
Fairfield, New Jersey 07004
Tel#: 973-439-1401

Chemtrec Emergency Tel#: 800-424-9300
***Chemtrec Int'l #: 703-527-3887(*Collect Calls Accepted)**

Latest Revision Date: October 1, 2013

Product Trade Name: **JEECHEM SW-7**
Chemical Description: Ethene homopolymer
CAS Number: 9002-88-4
INCI: Synthetic Wax
Health (NFPA): 0 Flammability (NFPA): 1 Reactivity (NFPA): 0 Protective Equipment: B

Section 2 – Hazardous Ingredients

This material contains no ingredients which are known to JEEN International Corp. to be hazardous unless listed below.

CAS Number	Ingredients	Wt%	Exposure Limits
None as defined under the U.S. OSHA Hazard Communication Standard (29 C.F.R. § 1910.1200) or the Canadian Hazardous Products Act [S.C. 1987, c.30 (Part 1)]			

Section 3 – Physical Data

Specific Gravity @ 60°F: 0.92 – 0.94
Volatility: Nil
Vapor Pressure: Not determined
Solubility in Water (%): Insoluble
Appearance @ 25°C: White Pastille and Prills Form
Odor: Little or no odor.
Flash Point, COC (ASTM D-92): > 175 °C / 350 °F
Melting Point: 168.0-188.0 °F

Section 4 – Fire and Explosion Hazard Data

Flash Point: > 350°F Flammable Limits: Not available
Flash Method: COC ASTM D-92
Extinguishing Media: Use water spray or fog, alcohol-type foam, dry chemical, or CO2.
Fire Fighting Procedures: Use a self-contained breathing apparatus with full face piece operate in pressure-demand or other positive pressure mode. Non-flammable. Keep fire-exposed containers cool using water spray.
Unusual Fire and Explosion Hazards: When finely divided and suspended in air, this product could be flammable. Under these circumstances, keep away from heat, sparks and open flames. Use adequate ventilation and ground all equipment. As with most solid or particulate organic materials, extremely high dust concentration in air may result in a potential explosion hazard. Use good housekeeping to prevent significant solids accumulation.

Section 5 – Health Hazard Data

Inhalation: Not expected to be a problem under normal conditions of use. When finely divided, inhalation of dust may cause irritation of mucous membrane and respiratory tract. OSHA permissible exposure limit (PEL-TWA) and ACGIH threshold limit value (TLV-TWA) for respirable dust: 5 mg/m³. Total nuisance dust OSHA PEL-TWA: 15 mg/m³; total dust ACGIH TLV-TA: 10 mg/m³. If heated to decomposition, fumes generated may result in respiratory irritation. ACGIH exposure limit for paraffin wax fume is a TLV-TWA of 2 mg/m³.
Skin and Eye Contact: Not expected to be a problem under normal conditions of use. May produce mild irritation on prolonged contact with skin or eyes. Not expected to be absorbed through the skin in significant quantities. The cool solid material is not expected to cause skin or eye irritation; however, contact with molten material may result in thermal burns.



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Section 5 – Health Hazard Data Continued

Ingestion: May be harmful if swallowed. May cause gastrointestinal disturbances.
Emergency and First Aid Procedures: Wash skin thoroughly with soap and water. Launder clothing before reuse. If in eyes, irrigate with flowing water immediately and continuously for fifteen minutes. Consult a physician. If inhaled, remove to fresh air and administer oxygen if necessary. If ingested, consult a physician. If molten polymer gets on skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical attention for thermal burns.

Section 6 – Reactivity Data

Stability: Stable under Normal conditions of storage and use. Unstable
Incompatibilities (Materials to Avoid): Keep away from strong oxidizing agents
Hazardous Decomposition Products: None known.
Hazardous Polymerization: May occur Will not occur
Conditions to Avoid: See above statements.

Section 7 – Spill, Leak and Disposal Procedures

Action to take for spills: (Sweep up material and place in appropriate disposal container. Use sweeping compound or other cleaning aids to pick up residues. Wash down area thoroughly with water. Use appropriate personal protective equipment as necessary. If liquid is hot, attempt to confine spill and let the liquid solidify. Once solid, the product may be recovered as any other solid material.

Disposal Method: Secure container and take to an approved waste disposal site. Dispose of residues in accordance with applicable Local, State and Federal Regulations.

Decontamination Procedures: Not applicable.

Section 8 – Special Protection Information

Respiratory Protection: Respirator use is not expected to be necessary under normal conditions of handling. In emergency situations, use of a NIOSH-approved respirator may be required.

Ventilation: General ventilation should be provided to maintain ambient concentrations below nuisance levels.

Protective Clothing: Chemical-resistant gloves and chemical goggles should be used to prevent skin and eye contact.

Section 9 – Storage and Handling

Packaged material (boxes, bags) should be stored in conditions that avoid extremes of temperature. The shelf life of the products depends on storage conditions and intended uses; properties such as melting point, viscosity, and penetration will remain stable for over one year. The color of the products, especially white waxes, may darken slightly after two or three months under certain conditions. Care must be taken to avoid overheating the molten wax and causing oxidation of the product. Care must be taken to avoid overheating the molten wax and causing oxidation of the product. Care must also be taken to avoid skin contact with the molten wax, which will cause thermal burns. Good hygiene practices should always be followed when handling the material.

Section 10 - Toxicological Effects

There are no known toxicological effects.

Section 11 - Ecological Information

This product would not be expected to cause damage to the environment. It would be expected to biodegrade slowly, depending upon the conditions to which it is exposed. Under OECD Method 301D, the biodegradability is less than 25% after 5 days.



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Section 12 – Ecological Information

Ecotoxicity: Not available
BOD5 and COD: Not available
Biodegradable/OECD: Not available
Toxicity of the Products of Biodegradation: Not available.

Special Remarks: This product would be expected to biodegrade slowly, depending upon the conditions to which it is exposed. Under OECD Method 310D, the biodegradability is less than 25% after five days. Eco-toxicological data on analogous polymeric materials demonstrates that the homopolymer in this product has a low aquatic toxicity to fish, algae, and daphnia. Under OECD guidelines this product is classed as inherently biodegradable. The product is unlikely to bioaccumulate due to the large polymeric nature of the homopolymer. Classification according to German Umweltbundesamt.de is “nwg.”

Section 13 - Disposal Considerations

Surplus or waste residues of this product should be placed in a suitable waste container and taken to an approved waste disposal site. Dispose of all surplus or waste residues in accordance with applicable waste management regulations.

Section 14 – Transportation Information

UN Number: Not hazardous*	IMDG Page Number: Not applicable
UN Class: Not applicable	TREMCARD Number: Not applicable
ADR/RID Class: Not applicable	IFAG Table Number: Not applicable
EmS Number: Not applicable	

*For material shipped at or above 100°C and below its flash point, the following UN class, number applies: Hazard Class 9, PG III, ID#: 3257

Section 15 – Regulatory Information

EC Classification: Not classified under 67/548/EEC

Hazard Symbol: None Risk Phrases: None Safety Phrases: None

This product has no status under food additive regulations. This product does not contain any chemicals listed in Section 313 of the Superfund Act and Reauthorization Amendment (SARA 313) or the Clean Air Act Amendments (CAA). No ozone-depleting chemicals are contained or used in the manufacture of this product.

Section 16 – Other Information

NFPA (national Fire Protection Association (USA): Health: 0, Flammability: 1, Instability: 0

This product is not regulated to be a health or physical hazard.

Disclaimer: As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with applicable federal, state and local regulations remains the responsibility of the user